



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7548

<b>SERIAL NUMBER</b> 10/724,008	<b>FILING OR 371(c) DATE</b> 11/26/2003 <b>RULE</b>	<b>CLASS</b> 704	<b>GROUP ART UNIT</b> 2626	<b>ATTORNEY DOCKET NO.</b> M61.12-0585
------------------------------------	---	---------------------	-------------------------------	---

**APPLICANTS**  
 Zicheng Liu, Bellevue, WA;  
 Michael J. Sinclair, Kirkland, WA;  
 Alejandro Acero, Bellevue, WA;  
 Xuedong D. Huang, Bellevue, WA;  
 James G. Droppo, Duvall, WA;  
 Li Deng, Sammamish, WA;  
 Zhengyou Zhang, Redmond, WA;  
 Yanli Zheng, Urbana, IL;

**\*\* CONTINUING DATA \*\*\*\*\*** *ND DC*

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
**\*\* 02/27/2004**

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<b>STATE OR COUNTRY</b> WA	<b>SHEETS DRAWING</b> 11	<b>TOTAL CLAIMS</b> 29	<b>INDEPENDENT CLAIMS</b> 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged <i>[Signature]</i> Examiner's Signature	<i>DF</i> Initials			

**ADDRESS**  
27366

**TITLE**  
Method and apparatus for multi-sensory speech enhancement

<b>FILING FEE RECEIVED</b> 1062	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---